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(21) International Application Number: PCT/GB98/03766 (22) International Filing Date: 15 December 1998 (15.12.98) (30) Priority Data: 9726539.1 16 December 1997 (16.12.97) GB (71) Applicant (for all designated States except US): UNIVERSITY OF DUNDEE [GB/GB]; 11 Perth Road, Dundee DD1 4HN (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): SCHOR, Seth, Lawrence [GB/GB]; Unit of Cell and Molecular Biology, The Dental School, University of Dundee, Dundee DD1 4HR (GB). SCHOR, Ana, Maria [ES/GB]; Unit of Cell and Molecular Biology, The Dental School, University of Dundee, Dundee DD1 4HR (GB). (74) Agent: BASSETT, Richard; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	

(54) Title: POLYPEPTIDES, POLYNUCLEOTIDES AND USES THEREOF

1 CAACTTGT GGTACTTC CTCGGTTC GGGGTCTT CCCCCGCT
51 CTAACTTC TAAAGTTC GGGGTCGG CTCGTCTC TGGGCTCA
101 GTTCTGGG /CAGGTCCT CTCGACGG AGCTCGAG AGCAGAGC
151 AGCTCAGA AATGTTCA CCGGATTC GGTGCTCT CATCAAGC
201 AAGCGGCT GTTGACGA TGAAGAGC TGTGATTA ATCAGAGT
251 GAGCGGAC TACTAGCA ATGCTGCT TGTACTGT TATGAGGA
301 GCGGCTTT TACTGAGG AATAAGCT AGCTGAGA GACTTCTT
351 GACAGTCA CTGAGAGC TTAGAGCT GTTGACTT ATAGCTTC
401 TAAAGTTC ATGATGCG ACTGATCT CATCGGCT GGGGAGGA
451 GATGAGCT TACTGACA AACGCTGC ATGAGGCG TGTGCTAC
501 AAGTGTGT AGCTGAGG GAGCAGAT GAGCTGCT GTTACATTT
551 AGTGTGTT TGTCTGTA ATGAGAGG AGATGAGC TCGAGGCA
601 TACTGAGA GTTGTGAT CATCTGCT GACTTCTA TGTGTTGA
651 CAACTGCG AGAGGCTA CAGGCTCG ATGATGTT ATTGACTT
701 CTGAGAGA GCGAGGAC GATGCTCT GACTTCTA ATAGATCA
751 AGATCAGA CAGAGGAC TGTATAGA TTGAGAGC CTGAGAGG
801 AAGTATAT GAGGAGCT GCTGAGCT ATCTGAGG GCGAGGCG
851 AAGGAGTG AATGTGGA GCGAGCTC TGTGAGAC ACATGAGC
901 GATCTGCG CTGAGGAT GTTGTGCG GTTGTAGA ACCGAGCT
951 CAGGCGAG CTCGCTCA TGGGCTCT GTGAGAGA GTGTTGTT
1001 CTACTGTT GGTGAGCT GCTGAGAC AGAGGAGT AAGCAATC
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1101 CAGCTTAC GTTGTGCT AATGAGAG CATTGCTT TGTATGCA
1151 CTAGAGAG AGAGGAGC GCGAGCTC GATGATAG CAGAGGGA
1201 AATGCTCT CTGAGAGC CAGCTGTT TGTGAGAG TCGAGGGA
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1301 TTAGCTGT TGTGCTCT AGGAGAGG AGCAGAGT AATGTTGT
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1901 GATGAGAG CAGGAGCT ACATGAGG GTGAGGCT AGTGTGAG
1951 GTGAGGAT CCGAGGAG AGCTGAGT AGTGTGCT GTATGATG
2001 GATGTTGT GTTGTCTT TGTGAGCT TGTGAGAG CAGCTGAT
2051 TACTGATC TGTGATTT ACTGATTT TGTGAGAG AAGGATAT
2101 TGTGATTA AATGAGCT TGTGAGAG AAGGATAT AAGGATAT

(57) Abstract

A recombinant polynucleotide encoding migrating stimulating factor (MSF) or variants or fragments or derivatives or fusions thereof of said variants or fragments or derivatives. Reagents are disclosed which can distinguish MSF and fibronectin, and which can distinguish polynucleotides which encode MSF or fibronectin. These reagents are believed to be useful in, for example, diagnosing cancer. MSF or variants or fragments or derivatives or fusions thereof, or fusions of said variants or fragments or derivatives, are useful in modulating cell migration and in wound healing.